Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU063020\
Data File : VU039248.D
Acq On : 30 Jun 2020 22:24
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Jul 01 01:55:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 01:40:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	219531	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	212494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	107273	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	65875	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	1.93	69	82853	6.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 121.40%			
11) 1,1-Dichloroethene-d2	2.59	63	126121	4.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.80%			
20) 2-Butanone-d5	4.67	46	286251	46.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.28%			
24) Chloroform-d	5.10	84	149164	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.74	65	95780	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.76	84	246740	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.20%			
36) 1,2-Dichloropropane-d6	6.72	67	85122	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.40%			
41) Toluene-d8	7.92	98	199985	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
43) trans-1,3-Dichloropropene-	8.20	79	39873	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
46) 2-Hexanone-d5	8.65	63	223215	52.86	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.72%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84383	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	89328	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	87676	4.169	ug/L	99
3) Chloromethane	1.53	50	92435	4.419	ug/L	99
5) Vinyl chloride	1.62	62	94648	4.361	ug/L	99
6) Bromomethane	1.88	94	66922	5.897	ug/L	99
8) Chloroethane	1.95	64	84512	6.077	ug/L	100
9) Trichlorofluoromethane	2.16	101	154534	4.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	67014	4.055	ug/L	97
12) 1,1-Dichloroethene	2.61	96	67726	4.333	ug/L	95
13) Acetone	2.67	43	172132	46.005	ug/L	99
14) Carbon disulfide	2.82	76	223380	4.209	ug/L	99
15) Methyl Acetate	2.99	43	40379	4.569	ug/L	99
16) Methylene chloride	3.08	84	89918	4.223	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	207293	4.929	ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	72180	4.513	ug/L	98
19) 1,1-Dichloroethane	3.91	63	146881	4.683	ug/L	97
21) 2-Butanone	4.75	43	273232	46.465	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	80111	4.735	ug/L	99

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00525

Quant Time: Jul 01 01:55:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 01 01:40:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	5.02	128	39448	5.101 ug/L		99
25) Chloroform	5.13	83	152954	4.772 ug/L		95
27) 1,2-Dichloroethane	5.83	62	112103	4.792 ug/L		99
29) 1,1,1-Trichloroethane	5.35	97	125334	4.806 ug/L		98
30) Cyclohexane	5.42	56	99770	4.120 ug/L		97
31) Carbon tetrachloride	5.56	117	106129	4.814 ug/L		99
33) Benzene	5.81	78	305781	4.905 ug/L		100
34) Trichloroethene	6.57	95	77246	4.714 ug/L		98
35) Methylcyclohexane	6.79	83	100159	4.090 ug/L		99
37) 1,2-Dichloropropane	6.82	63	82186	4.876 ug/L		100
38) Bromodichloromethane	7.13	83	110561	4.963 ug/L		98
39) cis-1,3-Dichloropropene	7.63	75	119395	4.989 ug/L		96
40) 4-Methyl-2-pentanone	7.82	43	629700	49.946 ug/L		99
42) Toluene	7.99	91	300532	4.704 ug/L		97
44) trans-1,3-Dichloropropene	8.23	75	113869	5.046 ug/L		95
45) 1,1,2-Trichloroethane	8.42	97	63018	4.931 ug/L		95
47) Tetrachloroethene	8.57	164	53625	4.664 ug/L		96
48) 2-Hexanone	8.71	43	483530	49.596 ug/L		99
49) Dibromochloromethane	8.83	129	73682	5.227 ug/L		98
50) 1,2-Dibromoethane	8.94	107	62826	5.266 ug/L	#	92
51) Chlorobenzene	9.47	112	197097	4.721 ug/L		97
52) Ethylbenzene	9.59	91	306849	4.345 ug/L		100
53) m,p-Xylene	9.71	106	118058	4.531 ug/L		96
54) o-Xylene	10.11	106	122980	4.993 ug/L		99
55) Styrene	10.13	104	219984	5.169 ug/L		96
56) Isopropylbenzene	10.50	105	308697	4.732 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.80	83	75864	4.700 ug/L		99
59) 1,2,3-Trichloropropane	10.83	75	63455	4.866 ug/L		98
61) Bromoform	10.30	173	42776	5.034 ug/L		97
62) 1,3-Dichlorobenzene	11.76	146	149191	4.551 ug/L		98
63) 1,4-Dichlorobenzene	11.85	146	147768	4.377 ug/L		98
65) 1,2-Dichlorobenzene	12.22	146	144157	4.512 ug/L		99
66) 1,2-Dibromo-3-chloropropan	13.01	75	14810	4.906 ug/L		96
67) 1,3,5-Trichlorobenzene	13.24	180	103872	4.496 ug/L		98
68) 1,2,4-trichlorobenzene	13.86	180	95032	4.691 ug/L		98
69) Naphthalene	14.11	128	187041	4.784 ug/L		99
70) 1,2,3-Trichlorobenzene	14.36	180	91848	4.702 ug/L		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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